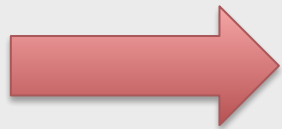




Lab - Connect Edge to BaaS

Integrate via a Target Endpoint



Add a new Endpoint:

▼ Target Endpoints



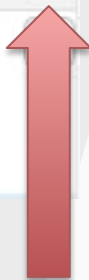
▼ default

All

PreFlow

All

PostFlow



New Target Endpoint

Target Endpoint Name

baasTarget

☒ HTTP ☐ Proxy Chaining ☐ Path Chaining ☐ NodeJS

HTTP Target

https://api.usergrid.com/tdavid/sandbox

Cancel

Add

Add a Route Rule

- Route Rules allow you to route requests to different Targets defined within the proxy.
- Add another route rule, with a condition

```
<RouteRule name="baasRoute">  
  <TargetEndpoint>baasTarget</TargetEndpoint>  
  <Condition>(proxy.pathsuffix MatchesPath "/ratings**") </Condition>  
</RouteRule>
```

- Default Route Rule – will by default route all traffic to the default target
 - RouteRules are evaluated top down so make sure your routes are ordered correctly!

- Add a Flow

```
<Flow name="/ratings**">  
  <Condition>(proxy.pathsuffix MatchesPath "/ratings**")</Condition>  
</Flow>
```

Test

- Test the new BaaS target endpoint
- Invoke the proxy url `http://<your-org>-test.apigee.net/v1/apieatery/ratings`
- Verify JSON response contains your rating entity previously created in BaaS

Modifying the default response

- In the **Target Response Flow**
 - Create **ExtractVariables** policy to get the following parameters from the json **RESPONSE**:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ExtractVariables async="false" continueOnError="false" enabled="true" name="Extract-Variables-1">
  <DisplayName>Extract Variables-1</DisplayName>
  <Properties/>
  <IgnoreUnresolvedVariables>true</IgnoreUnresolvedVariables>
  <JSONPayload>
    <Variable name="comment"><JSONPath>$.entities[0].comment</JSONPath></Variable>
    <Variable name="commenter"><JSONPath>$.entities[0].commenter</JSONPath></Variable>
    <Variable name="score"><JSONPath>$.entities[0].score</JSONPath></Variable>
    <Variable name="truck"><JSONPath>$.entities[0].truck</JSONPath></Variable>
  </JSONPayload>
  <Source clearPayload="false">response</Source>
</ExtractVariables>
```

Modifying the default response

- Test the /ratings url again to view the variables set in the Trace tool
- Create an **AssignMessage** policy to build a **new RESPONSE** with above flow variables

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<AssignMessage async="false" continueOnError="false" enabled="true" name="Assign-Message-2">
  <DisplayName>Assign Message-2</DisplayName>
  <Properties/>
  <Set>
    <Headers><Header name="Content-Type">application/json</Header></Headers>
    <!-- old <Payload contentType="application/json" variablePrefix="@ " variableSuffix="#">{
      "commenter":"@commenter#", "comment":"@comment#",
      "truck":"@truck#", "score":@score# }
    </Payload> -->
    <Payload contentType="application/json">{
      "commenter": "{commenter}", "comment": "{comment}",
      "truck": "{truck}", "score": {score} }
    </Payload>
  </Set>
  <IgnoreUnresolvedVariables>true</IgnoreUnresolvedVariables>
  <AssignTo createNew="true" transport="http" type="response"/>
</AssignMessage>
```

THANK YOU